

## **Science and Technology**

<b>Federal Agency:</b>	Department of Energy Office of Science
<b>Program Title:</b>	2012 X-Stack: Programming Challenges, Runtime Systems, and Tools
<b>CFDA Number:</b>	81.049 Office of Science Financial Assistance Program
<b>Closing Date:</b>	Letter of Intent: December 19, 2011; Full Application: February 6, 2012
<b>Link:</b>	<a href="http://www.science.doe.gov/grants/pdf/SC_FOA_0000619.pdf">http://www.science.doe.gov/grants/pdf/SC_FOA_0000619.pdf</a>
<b>Estimated Grant Awards:</b>	\$15,000,000; 20-25 awards; \$500,000-\$1,500,000; 3 years
<b>Description:</b>	Supports basic research that addresses challenges with the system software stack for Exascale computing platforms (X-Stack). Specific areas of interest for research include programming models, languages, compilers, runtime systems, and tools.

<b>Federal Agency:</b>	National Institutes of Health
<b>Program Title:</b>	Alcohol Impairment of Immune Function, Host Defense and Tissue Homeostasis (R01 and R21)
<b>CFDA Number:</b>	93.273 Alcohol Research Programs
<b>Closing Date:</b>	<ul style="list-style-type: none"> <li>• R01: February 5, 2012</li> <li>• R21: February 16, 2012</li> </ul>
<b>Link:</b>	<ul style="list-style-type: none"> <li>• R01: <a href="http://grants.nih.gov/grants/guide/pa-files/PA-12-025.html">http://grants.nih.gov/grants/guide/pa-files/PA-12-025.html</a></li> <li>• R21: <a href="http://grants.nih.gov/grants/guide/pa-files/PA-12-026.html">http://grants.nih.gov/grants/guide/pa-files/PA-12-026.html</a></li> </ul>
<b>Estimated Grant Awards:</b>	\$27,000,0000 R01: \$750,000 - \$1,500,000 annually; 5 years R21: \$200,000-\$275,000 annually; 2 years
<b>Description:</b>	Supports research on the effects of alcohol consumption on the immune system. The R01 grant supports highly developed projects based on strong data; R21 supports exploratory research projects.

<b>Federal Agency:</b>	National Institutes of Health
<b>Program Title:</b>	Effects of Adolescent Binge Drinking on Brain Development (R01 and R21)
<b>CFDA Number:</b>	93.273 Alcohol Research Programs
<b>Closing Date:</b>	<ul style="list-style-type: none"> <li>• R01: February 5, 2012</li> <li>• R21: February 16, 2012</li> </ul>
<b>Link:</b>	<ul style="list-style-type: none"> <li>• R01: <a href="http://grants.nih.gov/grants/guide/pa-files/PA-12-027.html">http://grants.nih.gov/grants/guide/pa-files/PA-12-027.html</a></li> <li>• R21: <a href="http://grants.nih.gov/grants/guide/pa-files/PA-12-028.html">http://grants.nih.gov/grants/guide/pa-files/PA-12-028.html</a></li> </ul>
<b>Estimated Grant Awards:</b>	\$22,000,000 R01: \$500,000 - \$1,500,000 annually; 5 years R21: \$100,000 - \$275,000 annually; 2 years
<b>Description:</b>	Supports studies on the effects of binge drinking by teenagers on brain development. The R01 grant supports highly developed projects based on strong data; R21 supports exploratory research projects.

<b>Federal Agency:</b>	National Institutes of Health
<b>Program Title:</b>	Screening and Brief Alcohol Interventions in Underage and Young Adult Populations (R01, R03, and R21)
<b>CFDA Number:</b>	93.273 Alcohol Research Programs
<b>Closing Date:</b>	<ul style="list-style-type: none"> <li>• R01: February 5, 2012</li> <li>• R03 and R21: February 16, 2012</li> </ul>
<b>Link:</b>	<ul style="list-style-type: none"> <li>• R01: <a href="http://grants.nih.gov/grants/guide/pa-files/PA-12-031.html">http://grants.nih.gov/grants/guide/pa-files/PA-12-031.html</a></li> <li>• R03: <a href="http://grants.nih.gov/grants/guide/pa-files/PA-12-029.html">http://grants.nih.gov/grants/guide/pa-files/PA-12-029.html</a></li> <li>• R21: <a href="http://grants.nih.gov/grants/guide/pa-files/PA-12-030.html">http://grants.nih.gov/grants/guide/pa-files/PA-12-030.html</a></li> </ul>
<b>Estimated Grant Awards:</b>	\$19,000,000 R01: \$500,000-\$750,000 annually; 5 years R03: \$50,000 annually; 2 years R21: \$100,000 - \$275,000 annually; 2 years
<b>Description:</b>	Supports research on screening methods and brief interventions to prevent or reduce alcohol use among youth. The R01 grant supports highly developed projects based on strong data, R03 supports small grant programs, and R21 supports exploratory research projects.